

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A method of requirements traceability based on a UML (Unified Modelling Language) model, comprising the steps of:  
using a graphics interface when creating an element of the UML model,  
opening a «add new» function of a modelling tool, and [[use]]  
using a «constraint» option therein for attaching a requirement immediately on a  
~~common the created UML element in said graphics interface and that contains a set of~~  
~~elements, and on which the requirement has repercussions, in the graphics interface~~  
~~and wherein the element is systematically filled filling in with an the upward requirement~~  
which has given rise to a ~~creation~~ the creation of the element.
2. (Cancelled)
3. (Previously Presented) The method as claimed in claim 1, wherein when an element of the model is deleted, all the UML requirement attached to this element are likewise deleted.
4. (Previously Presented) The method as claimed in claim 3, wherein all the UML requirements attached to all the elements attached to said element are likewise deleted.
5. (Previously Presented) The method as claimed in claim 1, comprising exporting the UML requirements to a requirements management tool so as to ensure therein their management and their traceability.

6. (Previously Presented) The method as claimed in claim 5, wherein, in the course of the development of the model, the UML requirements are exported to the requirements management tool each time that this model has attained a stable state.
7. (Previously Presented) The method as claimed in claim 1, wherein when an element of the model is deleted, all the UML requirements attached to this element are likewise deleted.
8. (Previously Presented) The method as claimed in claim 6, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.
9. (Previously Presented) The method as claimed in claim 3, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.
10. (Previously Presented) The method as claimed in claim 4, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.